

Amendments to the Specification:

At pg. 5, ln. 20 to pg. 6, ln. 13, please amend the specification as follows:

A completed preform 10A is shown in Figure 3, having a curved length 26, with a radius 28. To accomplish this, the upstanding legs 12 and 14 are pushed over onto the one of the bottom portions 16 or 17 as shown in Figure 14. The folded preform is then placed ~~place~~ in the die 30 shown in Figures 4 which includes a cutter head 31 and an receiver pad 32. The cutter head 31 incorporates staggered blades 33 ~~32~~ having a width 34 ~~33~~ as shown in Figure 4 ~~Figure 5~~ slightly greater than the width of the warp threads 20, allowing for some mismatch in warp thread location. This allows the warp threads 20 to be cut (darted) periodically into segments such that the cuts in each tread are spaced from the cuts in the adjacent treads as shown in Figures 6. The spacing 35 of the cuts should be as large a distance as possible, but still allowing the curved length 26 to be formed. Thus some experimentation may be required to obtain the optimum spacing.

~~Referring to Figures , if~~ If the part is to be simply curved shape as shown in Figure 3, the darted preform 10 is folded as shown in Figure ~~8~~ 14 ~~Caetus~~ with the legs 12 and 14 bent over on to leg 16. The preform 10 is placed in a sine-wave shaped die assembly 40 having matched die halves 41 and 42 with mating sign-wave shaped forming surfaces 43 and 44 respectively. The sign-wave pattern is on forming surface 43 is tapered from ends 45 and 46 on die half 41 and the forming surface 44 is tapered from ends 47 and 48 on forming surface 44. What the sine wave forming accomplishes is a stretching that is zero at the end of bottom portion 17 and a maximum at the end of bottom portion ~~portion~~ 16.

At pg. 7, lns. 2-9, please amend the specification as follows:

If on the other hand, the preform final shape shown in Figure 12, and designated by numeral 10C, is desired, then, as illustrated in Figure 13, the legs 12 and 14, and portions 16 and 17 are brought together as in the previous example, and placed in the die assembly 40B having die halves 41B and 42B with forming surfaces 43B and 44B. However, stretching is accomplished by placing the folded preform 10

Application No.: 10/779,901
Response to Office Action of 06/24/2005
Attorney Docket: NORTH-601A

in the sine-wave dies such that stretching of the legs 12 and 14 is a minimum at there ends and becomes a maximum at the center. Thereafter, stretching of the bottom portions 16 and 17 is held constant.